Gifford Robert K Form 4 May 04, 2010

FORM 4

OMB APPROVAL

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, Expires: 2005 Estimated average

Form 5 obligations **SECURITIES**

burden hours per response... 0.5

may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

erson <u>*</u>	2. Issuer Name and Ticker or Trading Symbol ECOLAB INC [ECL]	5. Relationship of Reporting Person(s) to Issuer			
ddle)	3. Date of Earliest Transaction	(Check all applicable)			
RTH	(Month/Day/Year) 04/30/2010	Director 10% Owner Officer (give title Other (specify below) SVP - Global Supply Chain			
	4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
	ddle)	Symbol ECOLAB INC [ECL] ddle) 3. Date of Earliest Transaction (Month/Day/Year) ORTH 04/30/2010 4. If Amendment, Date Original			

(City)	(State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned								
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A) or Code V Amount (D) Price				5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	04/30/2010		M	40,000	A	\$ 33.47	40,409	D	
Common Stock	04/30/2010		F <u>(1)</u>	31,474	D	\$ 48.98	8,935	D	
Common Stock							511.587 (2)	I	By Ecolab Savings Plan

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactio Code (Instr. 8)	5. Number of or Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		onDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4,		onDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4,		6. Date Exercisab Expiration Date (Month/Day/Year		7. Title and A Underlying S (Instr. 3 and 4	ecurities
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Share				
Stock Option (Right to Buy)	\$ 33.47	04/30/2010		M		40,000	10/28/2005(3)	10/28/2014	Common Stock	40,000				

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Gifford Robert K

370 WABASHA STREET NORTH

ST. PAUL, MN 55102

Signatures

/s/ David F. Duvick, Attorney-In-Fact for Robert K.
Gifford

05/04/2010

SVP - Global Supply Chain

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Reflects the reporting person's payment of the exercise price and withholding taxes for a stock option issued in accordance with Rule 16b-3 by delivering or withholding shares of Ecolab Common Stock.
- Number of UNITS in the Ecolab Stock Fund of the Ecolab Savings Plan (401(k) Plan) as of March 31, 2010. Includes 1.697 UNITS (2) acquired by the reporting person in the Ecolab Stock Fund of the Ecolab Savings Plan since the date of his last report. (The 511.587 UNITS are the equivalent of approximately 956 shares of the issuer's Common Stock.)
- The option was exercisable, on a cumulative basis, as to one-third of the option shares (excluding any fractional portion less than one share) on each of the first and second anniversaries of the date of grant and as to the remaining shares on the third anniversary of the date of grant.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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